

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

| PROJECT NO. 8.2360601 | | ID. B-4515 | | COUNTY FRANKLIN | | GEOLOGIST J.L. LOVE | | | | | | | | | |
|---|----------------|--------------------------|------|--------------------------|---------------|---------------------|--------------|----|----|-----|------------------|------|-----|------------------------------|--|
| SITE DESCRIPTION BRIDGE NO. 40 ON -L- (SR 1235, DYKING RD.) OVER BEAR SWAMP CREEK | | | | | | | GROUND WATER | | | | | | | | |
| BORING NO. BI-A | | BORING LOCATION 15+10 | | OFFSET 15' LT | | ALIGNMENT -L- | | | | | | | | | |
| COLLAR ELEVATION 210.0' | | NORTHING 868215 | | EASTING 2201178 | | 0 HR. 7.0' | | | | | | | | | |
| TOTAL DEPTH 19.6' | | DRILL MACHINE CME-750 | | DRILL METHOD H.S. AUGERS | | HAMMER TYPE MANUAL | | | | | | | | | |
| START DATE 10/27/03 | | COMPLETION DATE 10/27/03 | | SURFACE WATER DEPTH N/A | | DEPTH TO ROCK 19.6' | | | | | | | | | |
| ELEV. (FT.) | DEPTH (FT.) | BLOW COUNT | | | PEN. (FT.) | BLOWS PER FOOT | | | | | SAMPLE NUMBER | MOI. | LOG | SOIL AND ROCK DESCRIPTION | |
| | | 0.5' | 0.5' | 0.5' | | 0 | 25 | 50 | 75 | 100 | | | | | |
| 210.0 | | | | | | | | | | | | | | | |
| 205.0 | 3.4 | 4 | 4 | 7 | 1.0 | | | | | | | | | | |
| 200.0 | 8.4 | 6 | 5 | 3 | 1.0 | | | | | | | | | | |
| 195.0 | 13.4 | 8 | 11 | 15 | 1.0 | | | | | | | | | | |
| 190.0 | 18.4 | 21 | 79 | | 0.7 | | | | | | | | | | |
| 185.0 | | | | | | | | | | | | | | | |
| 180.0 | | | | | | | | | | | | | | | |
| 175.0 | | | | | | | | | | | | | | | |
| 170.0 | | | | | | | | | | | | | | | |
| 165.0 | | | | | | | | | | | | | | | |
| 160.0 | | | | | | | | | | | | | | | |
| 155.0 | | | | | | | | | | | | | | | |
| 150.0 | | | | | | | | | | | | | | | |
| 145.0 | | | | | | | | | | | | | | | |
| 140.0 | | | | | | | | | | | | | | | |
| 135.0 | | | | | | | | | | | | | | | |
| 130.0 | | | | | | | | | | | | | | | |

AUGER REFUSAL AT
ELEVATION 190.4 FEET ON
CRYSTALLINE ROCK
(GRANITE)

100/0.7

ROADWAY EMBANKMENT,
BROWN, COARSE SAND AND GRAVEL

RESIDUAL,
WHITE AND BROWN, CLAYEY COARSE
SAND, SAPROLITIC

WEATHERED ROCK (GRANITE)